Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072618\
Data File : BM016076.D
Acq On : 26 Jul 2018 17:32
Operator : SJ/JU
Sample : PB111401BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 27 05:35:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 23 16:08:38 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB111401BS

Manual Integrations APPROVED
Sohil
7/27/2018 2:05:03 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	51400	20.00	ng		-0.03
21) Naphthalene-d8	11.03	136	215904	20.00	ng		-0.03
38) Acenaphthene-d10	14.83	164	127867	20.00	ng		-0.02
63) Phenanthrene-d10	17.56	188	294004	20.00	ng		-0.02
75) Chrysene-d12	21.69	240	323075	20.00	ng		-0.02
86) Perylene-d12	24.04	264	260962	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	413606	133.67	ng		-0.02
7) Phenol-d6	7.37	99	551654	136.52	ng		-0.02
23) Nitrobenzene-d5	9.39	82	392122	84.47	ng		-0.02
41) 2,4,6-Tribromophenol	16.32	330	235406	145.15	ng		-0.02
44) 2-Fluorobiphenyl	13.46	172	852944	81.16	ng		-0.02
78) Terphenyl-d14	20.14	244	1627172	105.43	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	42141	29.067	ng	#	100
3) Pyridine	3.93	79	111656	31.970	ng	#	73
4) n-Nitrosodimethylamine	3.85	42	112888	41.441	ng	#	35
6) Aniline	7.53	93	94141	20.233	ng	#	88
8) 2-Chlorophenol	7.77	128	146286	39.778	ng		98
9) Benzaldehyde	7.35	77	99476	35.037	ng		88
10) Phenol	7.40	94	170347	42.158	ng		98
11) bis(2-Chloroethyl)ether	7.63	93	120175	37.647	ng		88
12) 1,3-Dichlorobenzene	8.09	146	149653	34.765	ng	#	90
13) 1,4-Dichlorobenzene	8.24	146	153244	35.101	ng	#	94
14) 1,2-Dichlorobenzene	8.56	146	148944	34.867	ng	#	93
15) Benzyl Alcohol	8.46	79	138747	43.121	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	8.73	45	177720	36.377	ng		99
17) 2-Methylphenol	8.66	107	119465	43.256	ng	#	83
18) Hexachloroethane	9.28	117	69076	36.603	ng		95
19) n-Nitroso-di-n-propylamine	9.02	70	113435	38.406	ng	#	73
20) 3+4-Methylphenols	8.99	107	164195	41.321	ng		87
22) Acetophenone	9.05	105	216937	39.904	ng	#	86
24) Nitrobenzene	9.44	77	181855	38.920	ng		95
25) Isophorone	9.96	82	296421	46.684	ng	#	93
26) 2-Nitrophenol	10.15	139	78980	40.492	ng	#	52
27) 2,4-Dimethylphenol	10.19	122	133504	49.129	ng	#	81
28) bis(2-Chloroethoxy)methane	10.43	93	172316	41.754	ng		99
29) 2,4-Dichlorophenol	10.68	162	143020	44.291	ng		97
30) 1,2,4-Trichlorobenzene	10.89	180	140921	35.918	ng		96
31) Naphthalene	11.08	128	439672	40.237	ng		99
32) Benzoic acid	10.37	122	104754m	50.569	ng		
33) 4-Chloroaniline	11.20	127	57145	12.815	ng	#	87
34) Hexachlorobutadiene	11.33	225	97804	35.938	ng		97
35) Caprolactam	12.02	113	44362m	49.602	ng		
36) 4-Chloro-3-methylphenol	12.31	107	165150	46.499	ng		86
37) 2-Methylnaphthalene	12.67	142	332317	45.400	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	158584	36.429	ng	#	100
40) Hexachlorocyclopentadiene	13.00	237	202741	93.454	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.28	196	114084	41.887	ng		97
43) 2,4,5-Trichlorophenol	13.36	196	121885	43.385	ng	#	82
45) 1,1'-Biphenyl	13.67	154	429900	37.254	ng		98
46) 2-Chloronaphthalene	13.72	162	330646	36.840	ng	#	90
47) 2-Nitroaniline	13.93	65	125631	42.338	ng	#	78
48) Acenaphthylene	14.56	152	558004	42.469	ng		100
49) Dimethylphthalate	14.29	163	460663	41.166	ng		99
50) 2,6-Dinitrotoluene	14.43	165	94464	41.955	ng	#	58
51) Acenaphthene	14.90	154	318042	39.357	ng		96
52) 3-Nitroaniline	14.76	138	50659	20.831	ng	#	76
53) 2,4-Dinitrophenol	14.97	184	99430	101.097	ng	#	67
54) Dibenzofuran	15.23	168	523103	39.283	ng	#	82
55) 4-Nitrophenol	15.07	139	164981	94.634	ng	#	81
56) 2,4-Dinitrotoluene	15.22	165	139494	43.329	ng		88
57) Fluorene	15.88	166	432239	43.681	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.46	232	110383	45.712	ng	#	100
59) Diethylphthalate	15.64	149	521265	43.217	ng		96
60) 4-Chlorophenyl-phenylether	15.86	204	212386	38.555	ng	#	83
61) 4-Nitroaniline	15.92	138	91381	39.164	ng	#	9
62) Azobenzene	16.16	77	553735	43.592	ng		78
64) 4,6-Dinitro-2-methylphenol	15.97	198	72434	40.590	ng	#	80
65) n-Nitrosodiphenylamine	16.08	169	376286	38.868	ng		98
66) 4-Bromophenyl-phenylether	16.75	248	126975	38.140	ng	#	76
67) Hexachlorobenzene	16.87	284	135685	37.010	ng	#	62
68) Atrazine	17.02	200	144854	41.748	ng		97
69) Pentachlorophenol	17.22	266	165665	72.974	ng		97
70) Phenanthrene	17.61	178	674501	40.978	ng		98
71) Anthracene	17.70	178	693791	43.369	ng		98
72) Carbazole	17.97	167	641901	38.732	ng		97
73) Di-n-butylphthalate	18.49	149	944657	45.743	ng	#	97
74) Fluoranthene	19.59	202	804798	43.832	ng		99
76) Benzidine	19.77	184	244837	27.119	ng		98
77) Pyrene	19.95	202	820973	42.404	ng		99
79) Butylbenzylphthalate	20.81	149	466291	47.409	ng	#	80
80) Benzo(a)anthracene	21.67	228	843638	42.397	ng		100
81) 3,3'-Dichlorobenzidine	21.60	252	188177	23.479	ng		99
82) Chrysene	21.72	228	775064	40.605	ng		99
83) Bis(2-ethylhexyl)phthalate	21.56	149	667090	46.800	ng		94
84) Di-n-octyl phthalate	22.47	149	1089822	45.491	ng	#	88
85) Indeno(1,2,3-cd)pyrene	26.47	276	642431	28.362	ng	#	94
87) Benzo(b)fluoranthene	23.33	252	741263	48.244	ng	#	96
88) Benzo(k)fluoranthene	23.38	252	681992	43.798	ng		98
89) Benzo(a)pyrene	23.94	252	659021	44.616	ng		100
90) Dibenzo(a,h)anthracene	26.47	278	550262	35.956	ng	#	96
91) Benzo(g,h,i)perylene	27.21	276	504887	34.882	ng	#	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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